

**In the Claims:**

1. (Currently Amended) A method for detecting cervical carcinomas, cervical intraepithelial neoplasias or cervical carcinomas in a human subject, the method comprises the steps of:
  - (a) obtaining a cervical body sample from the human subject,
  - (b) solubilizing the cervical body sample in [[a]] an aqueous lysis buffer comprising SDS, and
  - (c) reacting the solubilized cervical sample in the lysis buffer with an antibody against cyclin dependent kinase inhibitor p16, and
  - (d) determining the overexpression of cyclin dependent kinase inhibitor p16 in the solubilized cervical sample by comparing the level of cyclin dependent kinase inhibitor p16 within said solubilized cervical sample with the level present in a solubilized healthy human cervical sample.
2. (original) The method according to Claim 1, wherein the level of cyclin dependent kinase inhibitor p16 in the healthy human cervical body sample is provided as a predetermined value to set up a threshold for the detection procedure.
3. (original) The method according to Claim 1, wherein the level of cyclin dependent kinase inhibitor p16 in a healthy human cervical sample is determined from a standardized sample solution, or from a representative number of healthy human cervical samples.
4. (original) The method according to Claim 3, and wherein the determination of the level of cyclin dependent kinase inhibitor p16 in a healthy human cervical sample is carried out:
  - a. in the course of the detection procedure,
  - b. upon calibration of the detection system,
  - c. once for each lot of detection reagents, or
  - d. as a standard value for the detection method.
5. (original) The method according to Claim 1, wherein the cervical body sample is swab, smear, aspirate, biopsy, preserved cytological specimen, histological specimen, fixed cell preparation or fixed tissue preparation.

6. (original) The method according to Claim 1, wherein the cervical body sample is solubilized

- a. immediately after obtaining the sample,
- b. after storage and/or transport in a storage buffer, or
- c. after transport in a transportation buffer.

7-19. (Cancelled)

20. (Currently Amended) The method according to Claim ~~19~~ 1, wherein the lysis buffer further comprises ~~an anionic detergent and a non-ionic detergent~~ one or more detergents.

21. (Currently Amended) The method according to Claim ~~20~~ 1, wherein the lysis buffer further comprises a proteinase inhibitor.

22. (Cancelled)

23. (Previously Presented) The method according to Claim 1, wherein the overexpression of cyclin dependent kinase inhibitor p16 in the solubilized cervical sample is determined by an ELISA.

24. (Previously Presented) The method according to Claim 1, wherein the overexpression of cyclin dependent kinase inhibitor p16 in the solubilized cervical sample is determined by a lateral flow assay.

25. (New) The method according to Claim 1, wherein the overexpression of cyclin dependent kinase inhibitor p16 in the solubilized cervical sample is determined by an immulogical assays selected from the group consisting of EIA, ELISA, RIA, FIA, and lateral flow assay.

26. (New) The method according to Claim 20, wherein said non-ionic detergent is t-octylphenoxypolyethoxyethanol.